Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX TO VOL. XXI.

PAGE

ACLAND'S (Dr.), account of the Typhoid Fever at Great Horwood. . 475
AGES of the Population in Liverpool and Manchester (see *Danson*) . 87
AGRICULTURAL PRODUCE; Prices of, in 16th—18th centuries (see *Robinson*) 369
APPRENTICESHIP SYSTEM, in reference to the freedom of labour (see *Napier*) 94
—— evils of 94–5, 97
AUSTRIA, notice of judicial Statistics, cadastre, &c. 4–6

BAKER (Robert). *On the Industrial and Sanitary Economy of the Borough of Leeds in* 1858 427
- Topographical divisions of the borough 427
- Descriptions of the out-townships, origin of their names, population, &c. . 427-9
- *Tables* of area, houses, and population, 1841-58. 430-33
- Movements and local increase of population 432
- Relative longevity, sanitary improvements, &c. 432–4
- Woollen, worsted, flax, and silk trades 434–8
- Staple trades of Leeds 435
- Process, details, and wages of the woollen manufacture . . . 435–6
- Worsted trade, its decline, flax, silk, and dyeing 436–8
- Iron and machine-making trades, persons employed, and wages . . 438
- Paper, Tobacco, and Pottery trades 439–40
- Account of the Wortley clay, and its uses 439–40
- Chemical, Coal, and Leather trades 440–2
- Amount of wages paid in all the trades 442
- Pauperism and savings' banks—causes of the first, and remedies . . 443

BANK OF ENGLAND.
weekly account of the issue and banking departments:

Fourth quarter, 1857	113	Second quarter, 1858	367
First quarter, 1858	221	Third quarter, 1858	489

BANKS (COUNTRY), amounts of promissory notes in circulation (in Great Britain):

Fourth quarter, 1857	114	Second quarter, 1858	368
First quarter, 1858	222	Third quarter, 1858	490

BANKS (LONDON JOINT STOCK), abstract of half-year's Reports of, June, 1858 368
BRACEBRIDGE (Charles H.). *Notes on Self-supporting Dispensaries, with some statistics of the Coventry Provident Dispensary* . . 460
- Establishment of a central Society for information on their principles . 460
- Advantages of the dispensaries 461
- Statistical analysis of the Reports of the Coventry Dispensary, 1831-57 . 462

BRAIN, apprehension of overworking the, in competitive examinations groundless 34
—— no effects of ditto from severe study in the Polytechnic School at Paris 34
BRITISH ASSOCIATION (Section F). Economic Science and Statistics, List of Papers read, September, 1858 468–9

PAGE

BROWN (Samuel). *Report on the International Statistical Congress, held at Vienna, September*, 1857 1

Great recent increase in the range of statistical inquiries . . . 1
Programme of subjects of inquiry 2-9
—— Mortality, statistics of: Causes of death,—Societies for the sick and infirm,
—— Statistics of insane, (Dr. Riedel and Dr. Seligmann.) . . . 2-3
—— judicial statistics: proposals of forms for the comparison of the penal laws, civil law, and law of real property in different countries . . 3-5
—— —— notice of ditto relative to Austria 4-6
—— —— the cadastre and land registers of divisions of the Austrian empire . 6
—— financial statistics: sources of error in the comparison of different states. 6-7
—— statistics of industry: difficulty in classifying raw materials distinct from industrial products, values of ditto, &c. 7-8
—— statistics of public instruction 9
—— relation of statistics with the natural sciences, ethnography, &c. . . 9
Proceedings of the session, resolutions adopted, &c. 10-12
Thoughts on the proposed Congress in London in 1859 12
Appendix A, Dr. Farr's Report on the progress of government statistics in Great Britain 13
—— B, Dr. Farr's invitation to hold the congress of 1859, in London . . 16

BULLION and specie, gold and silver, imported and exported:
Jan.–March, 1858 . 217 | Jan.–Sept., 1858 . 485
Jan. June, 1858 . 362

CADASTRE and land registers of Austria 6
CALENDAR of the Church, computation of the Poor by, in Yorkshire . 413(*note*)
CANALS in N. W. Provinces of India, length, revenues, &c. . . . 130-6
CATTLE FAIR, Ballinasloe, October, 1858 490
CESSPOOLS, injurious effects of, in Paris 208
—— Dr. Barker's experiments on injurious emanations from . 208-9
—— excess of mortality in Liverpool, caused by 476-7
CHADWICK (Edwin). *On the economical, social, educational, and political influences of Competitive Examinations, as tests of qualifications for admission to the junior appointments in the Public Service* . 18

Introduction: statement of politico-economical advantages to be derived from competitive examinations 18-19
State of the question: numbers examined, rejected, &c. . . . 19-23
—— large number rejected for deficiencies in spelling and arithmetic . . 20, 34
—— higher attainments of successful competitive candidates, than of nominated ones 20
—— large number still nominated to clerkships 21-2
Indian Civil Service,—Evidence of Sir Charles Trevelyan . . . 23-30
Evil of sending out to India, with great power over natives, the professed idlers of Haileybury 24, 29
Necessity for the maintenance of our power in India; of high character and education in the Civil Servants 25-6
Evil effects of patronage appointments connected with the House of Commons 27(*note*)
—— illustration of ditto relative to the Board of Admiralty . . . 28(*note*)
—— ditto, in army before Sebastopol . . . . . 29(*note*)
Open competition: experience in France of its beneficial effects, &c. . . 31
Apprehensions of consequences of overworking the brain, groundless . . 34
No inferiority of physique from severe study in the Polytechnic School . 34
The competitive examinations not carried out as supposed by the public . 35-7
Social position of nominated candidates 36
Beneficial effects to the unsuccessful competitors 36
Calculation of probable annual vacancies in the Civil Service . . . 37
Large number of rejections in the East Indian past examinations . . 37-8
Illustrative cases of the benefits resulting from competitive examinations . 38-40
Evidence afforded by founders' endowments in Scotland . . . 41-5
Important collateral benefits in private employments 45-7
Rapid increase of marriages among the female school teachers from the Government Schools of Art 47
Cases of discovery of rare aptitude in obscure places 47
Extracts from early statutes on the competency necessary in appointments to offices . . . . . 48(*note*)
Opinions of J. S. Mill on the importance of the question 49
Note of the Discussion on this paper, and Minute of the Committee of Section F 50-1

CHRONICON PRETIOSUM, Snathense (see *Robinson*) 369
CIVIL SERVICE, calculation of probable annual vacancies in . . . 37
—— extracts from early statutes on the necessary competency for appointments . . . . . 48 (*note*)
—— of India (see *India*)

PAGE

CLAY (Wortley), account of its uses 439-40
CONGRESS, International Statistical, at Vienna, Sept., 1857, Report, (see *Brown*) 1
—— programme of subjects of inquiry 2-9
—— proceedings, of the session, &c. 10-12
—— International de Bienfaisance, at Frankfort, 1857, proceedings of 339
CONSOLS (see *Stock* market)
CORN, average weekly prices (with monthly and quarterly averages):
Fourth quarter, 1857 . 112 | Second quarter, 1858 . 366
First „ 1858 . 220 | Third „ 1858 . 488
CORR van de Maeren (see *Maeren*)
COTTON, comparative duties on, in Switzerland and Belgium . . 457-8
"CREDIT MOBILIER," recent history of (see *Newmarch*) . . . 444
—— particulars of its establishment, capital, and objects . . 444
—— its large profits and success to 1855, and subsequent decline . 446-49
—— its real nature as a stock-jobbing association, &c. . . 450-3
CRIME, laws of, predicted with greater certainty than those of disease and death 75
CRIMEAN WAR, evil effects of patronage appointments on the army in . 29 (*note*)

DANSON (J. T.). *On the Ages of the Population in Liverpool and Manchester* 87
The number of Males between the ages of 25 and 55 a numerical expression of the ruling and protecting power of society 87
Relative number of the sexes at different periods of life . . . 87
Proportions of Females and immature and aged Males to every 100 productive Males in the United Kingdom, Manchester, and Liverpool . . . 88-90
Deficiency of ditto in the latter two 88-91
Important effects in increased experience from lengthening the duration of life 91
Tables of ages in England and Wales, and in Manchester and Liverpool . 92-3

DEATHS (see *Mortality*)
DIPHTHERIA, notice of epidemic of 208
DISEASES, increase of those of lungs and heart in cold weather, as compared with those of the brain . . . . . 59 (*note*)
——tubercular, small fluctuations in deaths from . . . 59-60
—— *tables* of comparison of, with crime 71-5
DISPENSARIES, on self-supporting (see *Bracebridge*) 460
DISPENSARY (COVENTRY PROVIDENT), statistical analysis of its reports, 1831-57 462

EDUCATION, notice of statistics of public 9
ELY, notice of improved sanitary measures at, since 1851 . . . 475-6
EXAMINATIONS (COMPETITIVE) for the Public Service, economical, social, educational, and political, influence of (see *Chadwick*) . . . 18
—— large number rejected in, for deficiencies in spelling and arithmetic 20, 34
—— experience and beneficial effects of, in France . . . 31
—— collateral beneficial effects to the unsuccessful competitors in private employment, &c. 36, 45-7
—— illustrative cases of benefits resulting from . . . 38-40
EXPORTS, United Kingdom:
Jan.-March, 1856-8 . 215 | Jan.-Sept., 1856-8 . 483
Jan.-June, 1856-8 . 360 |

FARR (Dr.). Report on the progress of Government statistics . . 13
—— Speech on proposed Congress in London in 1859 . . . 16
FIBRES, notes on Indian (see *Sadler*) 454
FINANCE, fiscal conditions of Indian, compared with British . . 258-69
FINANCIAL STATISTICS, sources of error in comparison of . . . 6-7
FINANCIAL SYSTEM of Emperor Akbar in 16th century, errors of . . 258-9
FLAX in India, advantages of its cultivation 456

PAGE

FLUCTUATIONS (annual) in deaths from various diseases, compared with those in crime, &c. (see *Guy*) 52, 57–9
—— reduction of rate of, in increase of numbers of facts . { 55–6 / 84, 86
—— small, in deaths from tubercular diseases 59–60
—— *table* of, from various causes of death, 1840–54 (and analysis) 61–5
—— *ditto*, ditto, 1848–54 66–8
—— *ditto*, zymotic diseases (highest), violent deaths (lowest) . 68–70
—— in deaths due to moral causes less than from zymotic diseases 72–5
—— in weather less than in disease and crime 76
—— in prices of cereals, greater than in disease and crime . . 78–9
FRANCE, population of, comparative view of, with that of England (see *Willich*) 297
—— *tables* of ditto 301–7
FREE TRADE, progress on the Continent (see *Maeren*) . . . 457

GLASGOW, comparative view of Wages in, in 1851, 56, and 58 (see *Strang*) 421
—— Sewing Machine in, its effects on Wages, &c. (see *Strang*) . . 464
GUY (William A.). *On the annual Fluctuations in the number of deaths from various diseases, compared with like fluctuations in crime, and in other events within and beyond the control of the human will* . 52

Notice of a previous paper on the Fluctuations of Births, Deaths, and Marriages in the Metropolis (vol. xviii. p. 312) 52
The fluctuations of ditto shown to be consistent results of causes acting in combination, (examples from sex, age, and locality) 52–4
Proportionate fluctuations in Marriages to Births and Deaths in London as 3¾ 2 and 9, and in England as 3¼ to 2 and 5½ 54–5
Reduction of the rate of fluctuation in increase of number of facts shown in Table of Diseases 55–6
Annual fluctuations in number of deaths from various diseases . . 57–9
Least fluctuation in deaths due to the misdirected operation of the human will 58
Great increase in diseases of the lungs and heart in cold weather, as compared with those of the brain . . . . . 59 (*note*)
Small fluctuation in deaths from tubercular diseases 59–60
Table of fluctuations from various causes of death in 14 years, 1840-54 . 61
—— analysis of ditto, in groups 62–5
—— of ditto in 7 years, 1848-54 66
—— analysis of ditto, and variations accounted for by improvements in medical diagnosis, &c. 67–8
—— of special diseases, Zymotic diseases in highest rate of fluctuations, and violent and accidental deaths in lower rates 68–70
Tables of comparison of disease and crime in the Metropolis and in England, 1840-54 and 1848-54 71–5
Fluctuations in deaths due to moral causes, less than in those from zymotic diseases 72–5
Laws of crime may be predicted with greater certainty than those of disease and death 75
Table of the weather compared with disease and crime, showing less fluctuation in the former 76
The numerous antecedent causes and agents in each single event . . 77
Table of prices of cereals compared with disease and crime, showing greater fluctuation of the former 78–9
—— of prices of stocks and ditto 79
—— of miscellaneous events and facts (highest fluctuation, tonnage of steam vessels, lowest, College of Surgeons' students). 80–2
Singular regularity and freedom from fluctuation in all large collections of facts 82
Reasons why the real nature of the human will cannot be inferred from figures 83–4
General conclusions 85–6
Example of the decrease of fluctuation in increase of facts 86

HEALTH, state of the public:

Quarter Dec., 1857	102	Quarter June, 1858	351
——— Mar., 1858	206	——— Sept., 1858	473

HENDRIKS (Frederick). *On the Statistics of Indian Revenue and Taxation* 223

Causes of the apathy on subjects relative to Indian Administration . . 223
Statement of the heads of inquiry, and errors of generalization to be avoided . 224–5
Present condition of the Indian revenue, pressure of taxation, and area and population from which raised 225–41

PAGE

HENDRIKS (Frederick). *Statistics of Indian Revenue—continued.*

Table of total revenue in each Presidency, and in the whole of British India, in 1855 6 226
—— of per centages of ditto from each source 228
Inquiry into the nature of the Land Tax of India 229–32
The Land Tax a rent and not a tax 229, 32
Large recent reforms in Indian Land Revenue Collection, with constant reduction of taxation, and consideration for the landholders 230–1
Great reduction of the supposed taxation per head, by withdrawing the item of Land-tax 232
Salt duties: the most really individual form of taxation 233
Table of the area and population of India, and comparison of ditto with the Kingdoms of Europe 234–5
Comparative density of population, per square mile, in India and England . 236
Table of indirect and direct taxation of India, 1855–6 237
Average taxation per head in India, one shilling, and in Great Britain, fifty shillings 238–9
Table of ditto, and of average amount of revenue raised by taxation in India . 239–41
Productive, financial, and industrial condition of the country and people of India 241–58
Ancient and still existing exhaustive social condition of India, and means of improvement by promotion of agriculture, public works, &c. . . . 241–3
Items of the expenditure of the government of India, average of, 1854–7 . 243
Experience already gained of benefit from expenditure on railways, Government works, &c. 244–8
Tables and *Summaries* of the public debts of the Presidencies and home debts of the East India Company 249–255
Increase of revenue since 1834, 17 per cent, greater than the increase of the interest on the debt 255–6
Deficits in revenue since 1852, more than accounted for by expenditure on public works 256
Fiscal conditions of Indian, compared with those of British finance . . 258–62
Number of Europeans in the East India Company's Service in 1851, 40,000 . 258(*note*)
Errors of the financial system of the Emperor Akbar, in the 16th century . 258–9
Table of parallelisms of the Indian (Mahomedan), and the English system of revenue and taxation 260–2
Excessive and indiscriminate taxation of the Punjab, under Runjeet Sing . 263
Table of taxes repealed in Sinde by Sir C. Napier, 1843–6 264
Account of the Indian Land-tax, and supposed rights of proprietorship of military conquerors 264–6
Improvident character of Lord Cornwallis's measure for settling the permanent amount of Land-tax 266–7
Question of Land-tax redemption in Bengal, and its probable benefits . . 268–9
Facts and statistics on the history and progress of revenue and taxation in British India, during 1792-1856 270–88
Voluminous character of the returns, and notice of the best House of Commons' papers, for the summary study of Indian revenue statistics 270–1
Tables and *Summaries* of average annual revenue and per-centage proportions, in periods of five years, &c., during 1792-1856 272–77
—— notes on the items in ditto 278–88
Land-tax, average annual amount, and rate per cent., of revenue . . . 278
Sayer Revenue, Excise, and Moturpha (Income and Property-tax) . . . 279–81
Case of wealthy Zumeendar in Bengal, showing his freedom from taxation . 280–1
Salt-tax, its universality, and special incidence on the poor 281–3
Opium revenue, question of its immorality, and opposing commercial advantages 283–5
Post-office, stamps, and customs 285–6
Mint duties, tobacco, and miscellaneous 285–9
Tables, area, population and land revenue of Bengal collectorates, 1855–6 . 289–90
—— ditto, North Western Provinces 291–2
—— ditto, Madras 293
—— ditto, Bombay 294
—— ditto, Punjab 295
—— ditto, summary 296

HUNTER'S South Yorkshire, notice of 392

IMPORTS, United Kingdom:
Jan.–Mar., 1856–8 . 214 | Jan.–Aug., 1856–8 . 482
Jan.–May, 1856–8 . 359 |

INCOME TAX of India (Moturpha) 279–81
INDIA, *tables* of area, population and land revenue, 1855–6 . . . 289–96
—— *table* of area and population, compared with European Kingdoms 234–5
—— comparative density of population of, with that of England . 236
—— exhaustive social condition of, and means of improvement . 241–3
—— civil service of, evidence of Sir C. Trevelyan relative to appointment in 23–30

PAGE

INDIA,—*continued.*
—— large number of rejections in the pass examinations for . 37-8
—— necessity of high character and education of the civil servants for 25-6
—— number of Europeans in the East India Company's service in 1851, 40,000 258
—— revenue and taxation statistics (see *Hendriks*) . . . 223
—— *tables* of revenue of each Presidency, in 1855-6, and sources of ditto. 226, 228
—— the land-tax of, its nature, reform, and reduction, &c. . . 229-32
—— *table* of indirect and direct taxation of, 1855-6 . . . 237
—— see *Taxation.*
—— revenues, notice of the best House of Commons' papers for study of statistics of 270-1
—— *tables* of average annual amounts, and notes on ditto, 1792-1856 272-88
—— items of the expenditure of the government of . . . 243
—— *tables* of the public debts of the presidencies of, &c. . . 249-55
—— notes on public works in (see *Sykes*) 121
—— organization of Public Works' Department, 1852, &c. . . 122
—— outlay on public works in, in four years, and in 1854-5 . 128, 137
—— *tables* of expenditure on public works in 138-55
—— roads and bridges made in 1853-5 128-9
—— canals in north-western provinces, length, returns, &c. . . 130-6
INDUSTRIAL PRODUCTS, difficulty in classifying as distinct from raw materials 7-8
IRON and MACHINE making trades at Leeds 438

LABOUR, the apprenticeship system in reference to the freedom of (see *Napier*) 94
LAND TAX, (see *Tax.*)
LAW, proposals for forms of judicial statistics of different countries . 3-5
—— notices of ditto, the Cadastre, &c., in Austria . . . 4-6
LEEDS, industrial and sanitary economy of, in 1858 (see *Baker*) . . 427
—— topographical divisions of the borough 427
—— description of the townships, their names, population, &c. . 427-9
—— *tables* of area, houses, and population, 1841-58 . . . 430-33
—— woollen, flax, silk, and other staple trades of . . . 434-40
LIFE, duration of, important effects in increased experience from lengthening the average 91
LIVERPOOL, ages of the population in 87
—— excess of mortality in, caused principally by its cesspools, &c. 476-7
LONDON, boundary line of the Metropolis 63 miles, including a space of 120 square miles 172
—— description of, as comprised in Metropolis Management Act, 18 and 19 Vict. 169-71
—— division of the Metropolis into portions, and character of the inhabitants of each 187-8
—— remarkable irregularity in size of metropolitan parishes . 184
—— *table* of population of different portions of 309-10
—— see *Poor relief* (Metropolian)
—— (CITY OF) *table* of extent of parishes, population, poor expenditure, &c. 330-33

LUMLEY (W. G.). *On the present state of the Administration of the Relief to the Poor in the Metropolis, and the charge of the Poor Rate thereon* 169-97, 308-38

Description of the Metropolis as comprised in Act for its management, 18 and 19 Vict., c. 120 169-71
Enumeration of parishes united with others for ecclesiastical purposes, or poor relief 171
List of extra-parochial places not liable to the Poor Rate . . . 171
Boundary line of the Metropolis 63 miles, including a space of 120 square miles 172
Subdivision of parishes into townships for better relief of the poor . . 172

PAGE

LUMLEY, (W. G.). *Relief to the Poor in the Metropolis—continued.*

List of separations of parishes in London 173
Acts for the City of London in 1647-9, and subsequent alterations . . 173–5
Formation of Unions and Boards of Guardians since 1834 . . . 175–6
Ditto of Guardians for Parishes 177
Parishes governed by Local Acts 177
Formation of Pauper School Districts 179
Pauper Lunatics, number in the Metropolitan districts, &c. . . . 180
Provisions for distribution of Relief and collection of Poor Rate . . 180
Number of officers, assistants, and servants in each Union and Parish . . 181
Amount of workhouse accommodation, 1857 182–3
The Labour test for able-bodied males 183–4
Machinery for collection of the Poor Rate 184
Progress of the charge for the relief of the poor 184–6
Remarkable irregularity in size of Metropolitan Parishes . . . 184
Variation of Poor Rate in the City from 1½*d.* to 4*s.* 10½*d.* . . . 185
Statutes for requiring Returns of the expenditure on the Poor since 1776 . 185–6
Division of the Metropolis into portions, and character of the inhabitants of each 187–8
Incidence of the charge upon these portions with reference to population . 188
Ditto with reference to property 190
Ditto in regard to number of paupers 193
Sums expended, showing rate of increase and rate per head on the population, 1776-1856 189
Inequality of modes of rating in the different parishes 190–1
Comparison of Property Tax and Poor Rate Valuation, showing great inferiority of the latter 192
Rate in the pound, showing decrease from 1803 to 1852 192–3
Proportion of cost of relief to irremovable poor to total cost . . . 195
Conclusions as to the probable settlement of proposed conflicting remedies . 196

LUMLEY (W. G.). *On the present state of the Administration of the Relief to the Poor in the Metropolis, and the charge of the Poor Rate thereon* 308

Table of Population of the different portions of the Metropolis . . 309–10
—— of extent of parishes, inhabited houses, families, and number of houses rated to the poor 311–14
—— Expenditure on relief of the poor, 1776-1856 315–17
—— Property assessed to Property Tax, County Rate, and Poor Rate, 1803-15-57, rate in the pound, &c. 318–25
Tables of annual value of Real Property in Metropolis in 1857 . . . 326
—— of number of paupers relieved in 1803, 1857, and 1858 . . . 327–9
—— City of London Union, extent of parishes, their population, inhabited houses, poor expenditure, and rate in the pound, 1776-1857 . . 330–33
—— Metropolis, gross rental, net annual value—poor rate and pauperism . 334–37
—— State, in 1856, of St. Dunstan, Stepney, and St. Martin-in-the-Fields, compared with some larger parishes 338

LUNATICS (PAUPER) numbers in the metropolitan districts, &c. . . 180

MAEREN (Corr van de). *On the Progress of Free Trade on the Continent* 457

Freedom of Switzerland from protective duties . . 457
Comparative duties on cotton in Switzerland and Belgium . . . 457–8
The Governments of France and Belgium in favour of reduction of tariffs . 458
Attempts of the manufacturers to re-establish the continental blockade against England 459

MANCHESTER, ages of the population in 87
MARRIAGES, greater fruitfulness of, in Great Britain than in France . 298–9
—— increase of, among female school teachers from the Government schools of art 47
—— proportionate fluctuations in, to births and deaths in London 54–5

METEOROLOGICAL TABLES:

Dec. quarter, 1857	109	June quarter, 1858	358
March „ 1858	213	Sept. „ 1858	481

METEOROLOGY of England and Wales, by James Glaisher:

Dec. quarter, 1857	107	June quarter, 1858	356
March „ 1858	211	Sept. „ 1858	479

MILL (J. S.), opinions of, on the importance of Government competitive examinations 49

MORTALITY of England and Wales:

Autumn quarter, 1847–57	103	Spring quarter, 1848–58	352
Winter „ 1848–58	207	Summer „ 1848–58	474

See also *Registration.*

PAGE

MORTALITY—*continued.*
—— statement of the standard mortality, 17 in 1,000 per annum, causes of excess, and their removability 104–5
—— on forms for statistics of 2
—— annual fluctuations in, compared with fluctuations in crime, &c. (see *Guy*) 52

NAPIER (James Robert). *The Apprenticeship System, in reference to the freedom of Labour* 94
Evils of the apprenticeship system to the employer 94
Ditto to the employed in depressing ability, &c. 95
The idea that work is always better done by journeymen who have served their time, fallacious (with examples) 95–6
The system given up by the Americans, &c. 96
Its abandonment principally resisted by the employer's workmen who have served their time 97
Evils consequent on the system 97

NAVIGATION of Indian rivers by steam trains 130

NEWMARCH (William). *On the recent history of the Crédit Mobilier* . 444
Error of its system 444
Particulars of its establishment in 1852, and its constitution, capital and proposed objects 444
Explanation of its mode of emission of "Obligations at Long Term," or small circulating notes bearing interest 445
Its large profits and success up to the end of 1855 446
A high rate of interest on "Continuations" of stocks and shares a chief source of its profits 447
Enumeration of its enormous advances to Railway and other Companies, and supposed infallibility of the combination 447–8
Decline in value of its shares, and declaration of no dividend at the close of 1857 448–9
Statement of its profits, and their decline 449
Real nature of the Society as a stock-jobbing association, and character of its promoters 450–1
Increased employment in France caused by excessive demand for French produce from the gold discoveries 452
Powerlessness for good of all attempts like this Company, not based on straightforward means 452–3

OPIUM REVENUE of India, question of its immorality, and opposing commercial advantages 283–5

PATRONAGE APPOINTMENTS in the civil service, evil effects of . . 27 (*note*)
POLYTECHNIC SCHOOL of Paris, no inferiority of physique from severe study in the 34
POOR, present state of the administration of the relief to, in the Metropolis (see *Lumley*) 169
—— *tables* of ditto 308
—— subdivision of parishes in London, for better relief of . . 172–3
—— formation of unions and boards of guardians for, since 1834 . 175–6
—— provisions for relief of, number of officers, workhouse accommodation, &c. 180–3
—— pauperism at Leeds, its causes and remedies 443
POOR RATE, charge of, in the Metropolis (see *Lumley*) 169
—— list of extra-parochial places not liable to 171
—— machinery for collection of, and the progress of 184–6
—— variation of, in the City from 1½*d.* to 4*s.* 10¾*d.* 185
—— incidence of, upon different portions of the Metropolis . . 187–93
—— inequality of, and comparison of property tax valuations with 190–2
POPULATION of Great Britain, increase of, in 1857–8 . . . { 99, 203 / 348, 471
—— *tables* of the state of, in 1851, compared with that of France (see *Willich*) 297, 301–7
—— proportion of Females and immature aged Males to every 100 productive Males 88–90
—— of Liverpool and Manchester, ages of (see *Danson*) . . 87
POTTERY TRADE at Leeds 439–40

PAGE

PRICES of provisions, average of consols, wheat, meat, &c., 1855 . { 101, 205 / 350, 473
—— of agricultural produce at Snaith, in the West Riding of Yorkshire, in 16th–18th centuries (see *Robinson*) 369
—— notice of publications containing information on . . . 370 (*note*)
—— *tables* of, 1568–1783 376–86
—— of land, corn, meadows, fallows, &c., in 16th–18th centuries . 386–92
—— of provisions, in ditto 395–6
—— of animals, in ditto 396–406
—— of linen and cloth, and miscellaneous, in ditto . . . 409–20
PROPERTY (Real), table of annual value of, in the metropolis, 1857 . 326
PUBLIC SERVICE, competitive examination for the 18
PUBLIC WORKS, notes on, in India (see *Sykes*) 121

RAILWAY (METROPOLITAN), terminal accommodation and its effect on traffic results (see *Wilkinson*) 156
—— termini, actual effect of central already opened . . . 162–5
RAILWAYS (METROPOLITAN), passenger and goods, mileage receipts, 1847 and 1857 158
—— *tables* of ditto. 166–8
—— comparison of ditto, of the Great Western with the other metropolitan lines 159–61
RAILWAY (GREAT WESTERN), low dividend of, its cause in faulty position of the Paddington station, &c. 156–7
—— traffic advantages enjoyed by 157
REGISTRATION of marriages, births, and deaths:
Quar. Sept. and Dec., 1857 98, 106 | Quar. Mar. and June, 1858 347, 355
—— Dec. and Mar., 1857–8 202, 210 | —— June and Sept., 1858 470, 478
of marriages, births, and deaths, 1851–57, rate per cent. &c. { 98–100, 202–4 / 347–9, 471–2
REVENUE, net produce of, application, &c., in years and quarters ending:
December, 1856–7 . 110–11 | June, 1857–8 . . 363–4
March 1857–8 . 218–19 | September, 1857–8 . 486–7
—— of INDIA, statistics of (see *Hendriks*) 223
RIVERS of INDIA, navigation of, by steam trains. 130
ROADS and BRIDGES made in India in 1853–5 128–9
ROBERTS (Henry). *Report on the Proceedings of the Congrès International de Bienfaisance, at Frankfort, September*, 1857 . . . 339
Notice of its origin, and first meeting in 1856 at Brussels . . . 339
Attendance in 1857, place of assembly and programme of subjects . . 340
Gold medals for Essay "On the Liberty of Private Charity" and "Intemperance" 341
Enumeration of communications from Great Britain 341–2
Characteristic features of the Congress, freedom from religious discord, &c. . 342
Statutes adopted for forming the Congress into a permanent institution . 343–4

ROBINSON (Rev. Charles Best). *Chronicon Pretiosum Snathense, or Lists of Prices of Agricultural Produce and other Articles in the ecclesiastical peculiar of Snaith, in the West Riding of Yorkshire, in the 16th, 17th, and 18th Centuries* 369
Introduction.—Question as to the reliability of prices in inventories, and reasons for trusting them 370–1
Notice of publications containing information on prices . . . 370 (*note*)
Difficulty connected with variety in sizes of measures 371
Considerations to be weighed in the comparison of these with prices in other works 372–3
The comparative standard should be in necessaries of life, and not in money . 374
Area, boundaries, and places included in the Jurisdiction of Snaith . . 374–5
Table of prices of agricultural produce from 1568 to 1783 . . . 376–83
Prices of Corn, Hay, Wool, Manure, Hemp and Line, and Yarn . . 384–6
Value of Land per acre, Corn, per acre, Meadow and Pasture . . . 386–9
Prices of Fallows, Turbary or Moor-land, and Turf 389–92
Notice of Hunter's South Yorkshire 392
Prices of Wood, Timber, and Coals 393–4
—— Provisions: Butter and Cheese, Bacon and Beef, Bees and Honey . 395–6
—— of Animals: Horses 396–9
—— ditto, Cows, Bulls, Heifers, &c. 399–402
—— ditto, Oxen, Goats, Sheep 402–4

PAGE

ROBINSON (Rev. C. Best). *Chronicon Pretiosum Snathense—continued.*

Prices of Animals: Pigs, chickens, geese, ducks, turkeys . . . 405–6
—— bricks, boats and nets 406–8
—— linen and cloth 409
—— miscellanea 410–20
Calendar of the Church, computation of the poor by, in Yorkshire . . 413(*note*)

SADLER (J. H.). *Notes on Indian Fibres, illustrated by prepared specimens* (communicated by Colonel Sykes) 454

Names, character of growth, and modes of use of various Indian fibrous plants 454–5
Flax in India, immense advantages of its cultivation there . . . 456

SALT DUTIES of India, individual character of, incidence on the poor, &c. 233 281–3

SANITARY ECONOMY of Leeds in 1858 (see *Baker*) 427
—— IMPROVEMENTS at Leeds 432–34
—— remarkable example of, at Ely, since 1851 475–6

SCARGILL (E. T.), (see *Willich's* Tables of the Population, 1851) . . 297

SEWERS, injurious gases generated from 209
—— of London, their inocuousness compared with cesspools . 353

SEWING MACHINE in Glasgow, its effects (see *Strang*) . . . 464
—— rapid extension of its use in London, &c. 467

SEXES, relative numbers of, at different periods of life . . . 87

SHIPPING, foreign trade, United Kingdom:

Jan.–March, 1856–8	216	Jan.–Sept., 1856–8	484
Jan.–June, 1856–8	361		

SNAITH, W. Riding, Yorkshire, prices of agricultural produce in, in 16-18 cent. (see *Robinson*) 369
—— area, boundaries, &c. 374–5

STATISTICAL INQUIRIES, recent increase in the range of . . . 1

STATISTICS, Governmental, progress of, in Great Britain . . . 13

STATISTICAL CONGRESS, (see *Congress.*)

STATISTICAL SOCIETY, anniversary meeting and report (twenty-fourth), 1857–8 115
—— abstract of receipts and payments 120
—— proceedings, ordinary meetings; 1st to 8th, 1857–8 . . 345–6

STOCK and SHARE MARKET, fluctuations of prices in:

Oct. to Dec., 1857	112	April to June, 1858	366
Jan. to March, 1858	220	July to Sept., 1858	488

—— ditto, during 1857 114
—— ditto of Consols, 1847–56 222

STRANG (John). *Comparative view of the Money-rate of Wages in Glasgow and the West of Scotland, in* 1851, 1856, *and* 1858 . . 421

This paper, supplementary as to the effect of the money crisis of 1857, to that published in vol. xx, page 308 421
Wages of cotton spinners, power loom weavers, showing 20 per cent. decrease since the panic 421–2
—— of workmen in mines and iron works, showing partial decrease since ditto 422–3
—— of engineers and mechanics, quarriers, masons, and carpenters, ditto . 423–4
—— common labourers and hand-loom weavers, ditto 424–5
Probable temporary character of the reduction, and comparative lower price of provisions in 1858 426

STRANG (John). *The Sewing Machine in Glasgow, and its Effects on Production, Prices, and Wages* 464

Great increase of, and changes in sewing machines, since the exhibition of 1851 464
Their uses and power compared with hand labour 465
Number in Glasgow, and kinds of work in which used 465
Saving per cent. and increased wages to those employed . . . 466
Facts relative to the rapid extension of its use in London . . . 467

SWITZERLAND, freedom of, from protective duties 457

PAGE

SYKES (Colonel). *Notes on Public Works in India* 121

System of management before the establishment of the Department of Public Works 121
Reorganization of Public Works' Department, Directors' despatch, March 1852 122-4
Lord Dalhousie's Minute of July, 1854. 124-6
Directors' despatches of May, 1853, and July, 1854 126-8
Outlay in four years on public works, ten millions sterling . . . 128
Roads and bridges made in 1853-5 128-9
Navigation of Indian rivers by steam-trains 130
Canals in N. W. Provinces, (Delhi and Doab,) gross revenues from . . 130-3
—— the Ganges Canal, length, returns and advantageous results . . 133-6
Expenditure on public works in 1854-5 137
Tables of expenditure under different branches of the public service, and in detail, 1854-5 138-43
—— of works in progress, 1857 144
—— of expenditure in 1853-4 145-6
—— receipts and disbursements on account of railways, 1849-57 . . 147
—— irrigation works in Madras, 1836-49 148-53
—— East India Railway, traffic returns 154
—— Expense of trigonometrical survey of India, 1800-49 154
—— Revenue survey charges, 1822-57 155

SYKES (Colonel) (see *Sadler* on Indian fibres).

TAXATION of INDIA, statistics of (see *Hendriks*) 223
—— *table* of direct and indirect, in India, 1855-6 . . . 237
—— average per head, one shilling, as compared with fifty shillings in Great Britain 238-9
—— *table* of parallelisms of, with the English system . . . 260-2
—— of the Punjab, excessive under Runjeet Sing . . . 263
—— of Sinde, *table* of taxes repealed by Sir C. Napier, 1843-6 . 264
—— facts and statistics on the progress of British in India, 1792-1856 270-88
TAX (LAND) of INDIA, its nature, reforms, reductions, &c. . . . 229-232
—— amount, and ratio per cent. of revenue 278
—— account of 264-6
—— improvidency of Lord Cornwallis, in permanent settlement of 266-7
—— question of redemption of, in Bengal 268-9
TOBACCO TRADE at Leeds 439-40
TOOKE (Mr. Thomas), notice of his death 118
—— obituary notice of his career and works 198-9
—— committee for raising a memorial (a Professorship of Economic Science in King's College) to, its resolutions, &c. . . . 200-1
TREVELYAN (Sir C.). Evidence relative to appointments in the Indian Civil Service 23-30
TYPHOID FEVER, account of the outbreak of, at Great Horwood . . 475

VAN DE MAEREN (see *Maeren*).

WAGES, money-rate of, in Glasgow, in 1851, 1856, and 1858 (see *Strang*) 421
—— of cotton spinners, engineers, mechanics, &c., decrease of, since the money crisis of 1857 421-5
—— ditto, probable temporary character of ditto . . . 426
—— of woollen manufacture at Leeds 435-6
—— amount paid in all the trades of Leeds 442
WEATHER, (see *Meteorology*).
WHEAT, average prices and quantities sold, 1855-7 . . . { 101, 205 / 350
see *Corn*.
WILKINSON (William Arthur). *Metropolitan Railway Terminal Accommodation, and its Effect on Traffic Results* 156

Low dividend of Great Western Railway, and its increase, at expense of the public convenience 156
Cause of ditto not so much the unremunerative branch lines as the faulty position of the Paddington station 157
Traffic advantages enjoyed by the Great Western 157
Passengers' and goods' mileage receipts for 1847 and 1857 . . . 158
Comparison of passenger traffic of Great Western, with other metropolitan lines, showing its disproportionate depreciation 159-60

PAGE

WILKINSON (W. A.). *Metropolitan Terminal Accommodtn.—contd.*

Comparison of goods' traffic, showing the cause of its non-depreciation in the North-Western Railway, though subject to the Great Northern and Great Western competition, to be its goods' terminus in the Minories . . 161
Actual effects of central termini already opened 162-5
Calculation of probable actual loss to the Great Western . . . 164
Proposed remedy in a "Metropolitan Railway" from the New Post-office . 165-6
Tables of passenger and goods' mileage receipts, 1847, 1857, &c. . . 166-8

WILLICH (Charles M.). *Tables of the State of the Population of Great Britain, in* 1851, *with a Comparative View, at the different Ages, of the Population of France, and Comparative Returns of Births and Deaths,* 1838-54, *with Remarks by* E. T. Scargill 297

Statement of the tables, and the authorities whence deduced . . . 297-8
Deductions as to the greater fruitfulness of marriages, and increased proportion of adult males in Great Britain than in France 298-9
Table of comparative state of the two populations, 1851 and 1858 . . 301
—— ditto of male and female population of Great Britain . . . 302
—— ditto of the unmarried population 303
—— ditto of the married population 304
—— ditto of widowers and widows 305
—— ditto of population of Great Britain and France, at different periods in present century 306
—— ditto of births and deaths in England and France. . . . 307

WOOLLEN MANUFACTURE, process, details and wages of, at Leed . . 435-6
WORSTED TRADE at Leeds, its decline 436